



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)



Bib Data Sheet

CONFIRMATION NO. 1187

SERIAL NUMBER 10/712,344	FILING DATE 11/14/2003 RULE	CLASS 324	GROUP ART UNIT 2858	ATTORNEY DOCKET NO. 03327.2314
-----------------------------	-----------------------------------	--------------	------------------------	--------------------------------------

## APPLICANTS

Koji Iwasawa, Kyoto, JAPAN;

\*\* CONTINUING DATA \*\*\*\*\* *NA TJO*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

JAPAN P2002-330634 11/14/2002 *TJO*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 02/10/2004

Foreign Priority claimed	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> Met after allowance	DRAWING	CLAIMS	CLAIMS	
Verified and Acknowledged	<i>DA T.J.M.</i> <i>TJO</i> Examiner's Signature Initials	JAPAN	2	5	2

## ADDRESS

22852  
 FINNEMAN, HENDERSON, FARABOW, GARRETT & DUNNER  
 LLP  
 901 NEW YORK AVENUE, NW  
 WASHINGTON , DC  
 20001-4413

## TITLE

Method of predicting a lifetime of filament in ion source and ion source device

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue )
RECEIVED 770		